

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	497	375/322	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:34
L2	3483	375/316	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:37
L3	280	375/320	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:37
L4	1752	375/343	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:43
L5	1763	375/261	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:42
L6	991	375/298	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:42
L7	706	375/279	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:42
L8	380	375/281	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:42

## EAST Search History

L9	1089	370/206	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:43
L10	711	455/17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:43
L11	1178	332/103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:43
L12	1364	329/304	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:43
L13	836	375/308	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:43
L14	975	coherent and "non-coherent" and modulation and receiv\$3 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:45
L15	10	1 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:44
L16	280	"non-coherent" same quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:46

## EAST Search History

L17	2	16 and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:49
L18	18	"non-coherent" and quadrature and (layer\$2 with modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:47
L19	23	16 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:50
L20	0	16 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:50
L21	35	16 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:50
L22	0	18 and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:51
L23	1	18 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:51
L24	0	18 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:51

## EAST Search History

L25	0	18 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:51
L26	0	18 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:51
L27	0	18 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:51
L28	1	18 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L29	0	18 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:51
L30	0	18 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:51
L31	0	18 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L32	0	18 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L33	0	18 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L34	0	18 and 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L35	6386	coherent with "non-coherent"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L36	347	coherent with "non-coherent" with modulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L37	5752560	coherent with "non-coherent" with modulation with receiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L38	81	coherent with "non-coherent" with modulation with receiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L39	142	coherent same "non-coherent" same modulation with receiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L40	311	coherent same "non-coherent" same modulation same receiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L41	71	coherent same "non-coherent" same modulation same receiv\$3 same quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L42	13	coherent same "non-coherent" same modulation same receiv\$3 same quadrature same layer\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L43	0	(coherent and "non-coherent" and modulation and receiv\$3 and quadrature and layer\$2).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L44	0	(coherent\$2 and (non adj coherent\$2) and modulation and receiv\$3 and quadrature and layer\$2).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L45	1	"10/068047"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L46	8143	("non-coherent" or (non adj coherent) or noncoherent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L47	340	("non-coherent" or (non adj coherent) or noncoherent) and layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L48	1	"10/068047"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L49	8143	("non-coherent" or (non adj coherent) or noncoherent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L50	340	("non-coherent" or (non adj coherent) or noncoherent) and layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L51	169	(legacy with signal) and (layer\$3 with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L52	29	(legacy with (signal or system)) with (layer\$3 with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L53	1	"10/068047"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L54	1	"10/068047"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L55	8143	("non-coherent" or (non adj coherent) or noncoherent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L56	340	("non-coherent" or (non adj coherent) or noncoherent) and layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L57	1	"10/068047"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L58	8143	("non-coherent" or (non adj coherent) or noncoherent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L59	340	("non-coherent" or (non adj coherent) or noncoherent) and layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L60	199	legacy with "non-legacy"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L61	6386	coherent with "non-coherent"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L62	347	coherent with "non-coherent" with modulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L63	5752560	coherent with "non-coherent" with modulationwith receiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L64	142	coherent same "non-coherent" same modulation with receiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L65	311	coherent same "non-coherent" same modulation same receiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L66	54	"238822"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L67	19	"356906"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L68	3	"356906" and EP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L69	15	"3383598".pn. "5577087".pn. "5602868".pn. "5815531".pn. "5960040".pn. "5987068".pn. "6275678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L70	15	"3383598".pn. "5577087".pn. "5602868".pn. "5815531".pn. "5960040".pn. "5987068".pn. "6275678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L71	4	"4039961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L72	18	"5329311".pn. "5450623".pn. "5966186".pn. "6028894".pn. "6032026".pn. "6034952".pn. "6108374".pn. "6140809".pn. "6219095".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L73	4	"5430770".pn. "5966412".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L74	4	"4039961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L75	2	"6574235".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L76	2	"5819157".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L77	2	"6297691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L78	2	"5430770".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L79	13	("3849730"   "3878475").PN. OR ("4039961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 11:52
L80	11	("non-coherent" or (non adj coherent) or noncoherent) with layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L81	34	("non-coherent" or (non adj coherent) or noncoherent) same layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L82	23	("non-coherent" or (non adj coherent) or noncoherent) and (layered with modulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L83	6	("5625640" "6718184" "6745050"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L84	12	("4800573" "5467197" "6266534" "6433835" "6574235" "6597750"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L85	26	("non-coherent" or (non adj coherent) or noncoherent) and (layered same modulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L86	2	"20050008100".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L87	54	"238822"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L88	19	"356906"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L89	3	"356906" and EP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L90	15	"3383598".pn. "5577087".pn. "5602868".pn. "5815531".pn. "5960040".pn. "5987068".pn. "6275678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L91	15	"3383598".pn. "5577087".pn. "5602868".pn. "5815531".pn. "5960040".pn. "5987068".pn. "6275678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L92	4	"4039961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L93	18	"5329311".pn. "5450623".pn. "5966186".pn. "6028894".pn. "6032026".pn. "6034952".pn. "6108374".pn. "6140809".pn. "6219095".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L94	4	"5430770".pn. "5966412".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L95	4	"4039961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L96	2	"6574235".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L97	2	"5819157".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L98	2	"6297691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L99	2	"5430770".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L100	13	("3849730"   "3878475").PN. OR ("4039961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 11:52
L101	11	("non-coherent" or (non adj coherent) or noncoherent) with layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L102	34	("non-coherent" or (non adj coherent) or noncoherent) same layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L103	23	("non-coherent" or (non adj coherent) or noncoherent) and (layered with modulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L104	6	("5625640" "6718184" "6745050"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L105	12	("4800573" "5467197" "6266534" " 6433835" "6574235" "6597750"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L106	26	("non-coherent" or (non adj coherent) or noncoherent) and (layered same modulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L107	2	"20050008100".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L108	2	("5999793").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L109	10	("5121414" "5579344" "6055278" "6144708" "6330336").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L110	29	(legacy with signal) with (layer\$3 with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L111	42	(legacy with signal) same (layer\$3 with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L112	13	("3849730"   "3878475").PN. OR ("4039961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 11:52
L113	54	"238822"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L114	19	"356906"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L115	3	"356906" and EP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L116	15	"3383598".pn. "5577087".pn. "5602868".pn. "5815531".pn. "5960040".pn. "5987068".pn. "6275678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L117	15	"3383598".pn. "5577087".pn. "5602868".pn. "5815531".pn. "5960040".pn. "5987068".pn. "6275678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L118	4	"4039961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L119	18	"5329311".pn. "5450623".pn. "5966186".pn. "6028894".pn. "6032026".pn. "6034952".pn. "6108374".pn. "6140809".pn. "6219095".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L120	4	"5430770".pn. "5966412".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L121	4	"4039961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L122	2	"6574235".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L123	2	"5819157".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L124	2	"6297691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L125	2	"5430770".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L126	13	("3849730"   "3878475").PN. OR ("4039961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 11:52
L127	11	("non-coherent" or (non adj coherent) or noncoherent) with layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L128	34	("non-coherent" or (non adj coherent) or noncoherent) same layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L129	23	("non-coherent" or (non adj coherent) or noncoherent) and (layered with modulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L130	6	("5625640" "6718184" "6745050").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L131	12	("4800573" "5467197" "6266534" "6433835" "6574235" "6597750").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L132	26	("non-coherent" or (non adj coherent) or noncoherent) and (layered same modulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L133	2	"20050008100".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L134	54	"238822"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L135	19	"356906"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L136	3	"356906" and EP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L137	15	"3383598".pn. "5577087".pn. "5602868".pn. "5815531".pn. "5960040".pn. "5987068".pn. "6275678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L138	15	"3383598".pn. "5577087".pn. "5602868".pn. "5815531".pn. "5960040".pn. "5987068".pn. "6275678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L139	4	"4039961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L140	18	"5329311".pn. "5450623".pn. "5966186".pn. "6028894".pn. "6032026".pn. "6034952".pn. "6108374".pn. "6140809".pn. "6219095".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

## EAST Search History

L141	4	"5430770".pn. "5966412".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L142	4	"4039961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L143	2	"6574235".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L144	2	"5819157".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L145	2	"6297691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L146	2	"5430770".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L147	13	("3849730"   "3878475").PN. OR ("4039961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 11:52
L148	11	("non-coherent" or (non adj coherent) or noncoherent) with layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L149	34	("non-coherent" or (non adj coherent) or noncoherent) same layered	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

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L150	23	("non-coherent" or (non adj coherent) or noncoherent) and (layered with modulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L151	6	("5625640" "6718184" "6745050").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L152	12	("4800573" "5467197" "6266534" "6433835" "6574235" "6597750").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L153	26	("non-coherent" or (non adj coherent) or noncoherent) and (layered same modulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L154	2	"20050008100".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L155	13	("3849730"   "3878475").PN. OR ("4039961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 11:52
L156	65	legacy with "non-legacy" and broadcast\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L157	81	coherent with "non-coherent" with modulation with receiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L158	71	coherent same "non-coherent" same modulation same receiv\$3 same quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

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L159	13	coherent same "non-coherent" same modulation same receiv\$3 same quadrature same layer\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52
L160	9	("20020071506" "5603084" "64117 97" "6731700").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:52

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[www.ece.utexas.edu/~jandrews/research.html](http://www.ece.utexas.edu/~jandrews/research.html)

### Characterization of Protocol-compatible Bluetooth/802.11 RFID Tags

... tags will not necessarily share the same physical layer modulation scheme. ... Therefore, the base station must employ **non-coherent** demodulation of the ...  
[rfdesign.com/mag/radio\\_characterization\\_protocolcompatible\\_bluetooth/index.html](http://rfdesign.com/mag/radio_characterization_protocolcompatible_bluetooth/index.html)

### [PDF] March, 2000 IEEE P802.15-00/077r1 IEEE P802.15 Wireless Personal ...

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Physical layer modulation detail. Abstract ... This specification could be set to discourage non-coherent detection. methods. ...  
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[PPT] THALES proposal for IEEE 802.15.4a

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Jan. 2005. THALES Communications. Slide 1. doc.: IEEE 802.15-05-0008-00-004a.

Submission. Project: IEEE P802.15 Working Group for Wireless Personal Area ...

[www.ieee802.org/15/pub/05/15-05-0008-00-004a-thales-uwb-ir.ppt](http://www.ieee802.org/15/pub/05/15-05-0008-00-004a-thales-uwb-ir.ppt)

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United States Patent Application: 0050123032

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appft1.uspto.gov/.../ 20050123032&RS=DN/20050123032

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6C due to the first **layer modulation** frequency as described by path 608. ... [0094]  
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[www.freshpatents.com/ Carrier-to-noise-ratio-estimations-from-a-received-signal-  
dt20050113ptan20050008100.php](http://www.freshpatents.com/ Carrier-to-noise-ratio-estimations-from-a-received-signal-dt20050113ptan20050008100.php)

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...microweb.com Re: PHYsical **layer modulation** detail Abstract

Optimized...expected to be 3 dB better than **non- coherent** because half of the noise...lower than is usual with **non-coherent** demodulators (e.g., discriminators...detection filtering with **non-coherent**. Radio Design A block diagram...

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